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FIRST RECORD OF *PISANIANURA GRIMMALDI* (DAUTZENBERG, 1889) (MOLLUSCA: GASTROPODA) FOR MADEIRA

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With 1 figure

ABSTRACT. The authors give the first record of the rannelid gastropod *Pisanianura grimmaldi* (DAUTZENBERG, 1889) for Madeiran waters.

RESUMO. Na presente nota, os autores assinalam, pela primeira vez, a presença de *Pisanianura grimmaldi* (DAUTZENBERG, 1889) nas águas da Ilha da Madeira.

INTRODUCTION

The family Rannelidae is pandemic and includes the genera *Argobuccinum*, *Fusitriton*, *Gyrineum*, *Pisanianura*, *Ranella* and *Sassia*. Most of the ranelid species live in moderately deep waters (BOUCHET & WARÉN, 1993). *Pisanianura grimmaldi* (DAUTZENBERG, 1889) is a little known species and only six specimens have been recorded in the North East Atlantic however, it is present in the South West of the Indian and Pacific

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Oceans (BOUCHET & WARÉN, 1993).

The depth records of *Pisanianura grimmaldi* (DAUTZENBERG, 1889) range between 600m (BELLON-HUMBERT, 1974) and 1.600m (DAUTZENBERG & FISCHER, 1906) in the Atlantic Ocean and between 700 and 2.200m in the Indian and Pacific Oceans.

MATERIAL

The Madeiran specimen recorded here was collected on the 27th May 1991 by M. BISCOITO, from the Museu Municipal do Funchal (História Natural) at 713m depth, off Cabo Girão, on the South Coast of Madeira Island. The discovery was made during a sampling programme using the submersible Johnson Sea Link, from the Harbour Branch Institution, California, USA.

Type material of *Pisanianura grimmaldi* (DAUTZENBERG, 1889) is part of the Musée Oceanographique du Monaco collection that includes, as well as the holotype, a lectotype selected by WARÉN & BOUCHET (1990).

The live specimen collected in Madeira (Fig. 1) has a shell with 26mm height and 16.5mm width (see Fig. 1). This specimen is deposited in the F. SWINNEN collection under the number 101.

DISCUSSION

Despite *Pisanianura grimmaldi* (DAUTZENBERG, 1889) being a little known species with a very scattered distribution, we believe that further collecting efforts directed to his known depths will bring more detailed information concerning both the geographical and depth range of this species.

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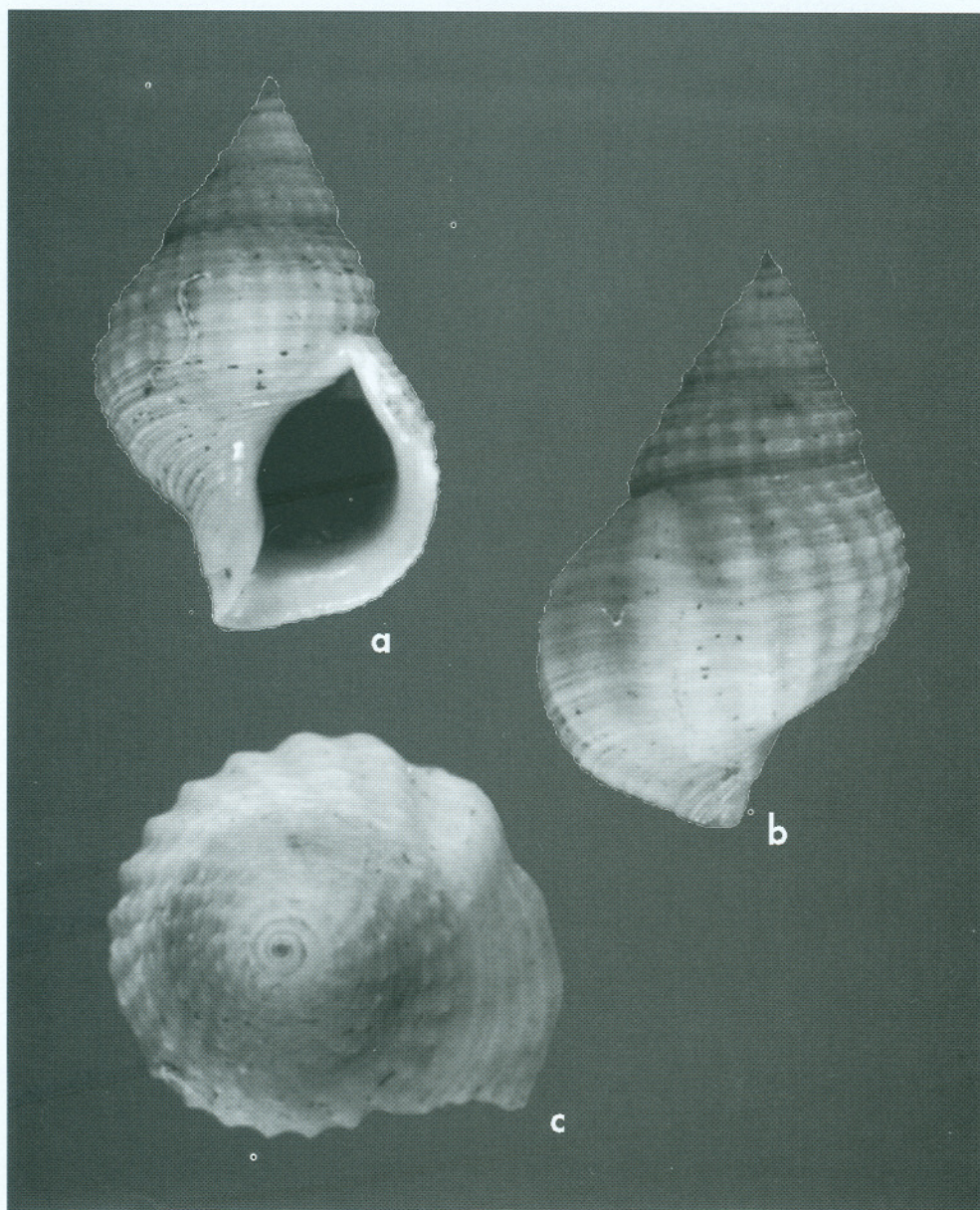


Fig. 1 - *Pisanianura grimmaldi* (DAUTZENBERG, 1889), **a**-frontal, **b**-dorsal and **c**-top views.

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